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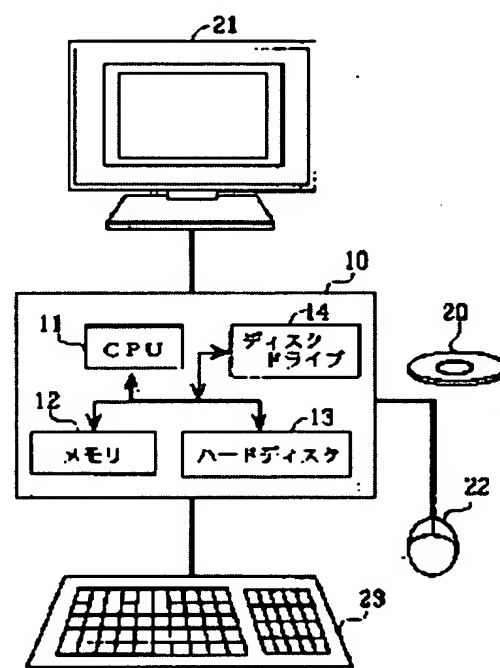
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(54) IMAGE SYNTHESIZING APPARATUS AND METHOD AND RECORDING MEDIUM
RECORDING IMAGE SYNTHESIZING PROGRAM

(57)Abstract:

PROBLEM TO BE SOLVED: To provide an image synthesizing apparatus providing panoramic images of high accuracy even in the absence of sufficient matching between point features due to small amount of textures on images.

SOLUTION: The image synthesizing apparatus for synthesizing two overlapping images includes a first means for extracting a linear segment of each image from the overlapping parts of the two image, a second means for obtaining the matching of the linear segments between both images, a third means for calculating a geometrical conversion parameter between both images, and a fourth means for synthesizing both images using the calculated geometrical conversion parameter.



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